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LIST OF INSECTS TAKEN IN ALPINE REGION OF MT. WASHINGTON.

By ANNIE TRUMBULL SLOSSON.

In 1874, Mr. E. P. Austin (Proc. Bost. Soc. Nat. Hist. vol. xvi, p. 265) published his "Catalogue of the Coleoptera of Mt. Washington, N. H., with descriptions of new species by J. L. LeConte, M.D."

In 1877, Mr. F. Gardiner, Jr., published in "Psyche" (vol. ii, p. 211) a list of additional species taken by himself and Mr. W. Schaus, Jr., in July, 1877. In neither of these catalogues do the authors limit themselves strictly to insects collected in the alpine region proper, though in the latter list nearly all were taken there.

Mr. Austin's camp was situated "a short distance below the Half-way House," about 3900 feet altitude, and nearly all of his collecting was done near that place. He includes, also, he says, Coleoptera taken by Mr. S. H. Scudder "near the foot of the mountain," others gathered by Mr. Samuel Henshaw, locality not given, and some from a list of general White Mountain species by Mr. G. D. Smith, as far as I can discover comparatively few of the insects named in this catalogue were taken on the summit

or above what is called the alpine line, 4000 feet above sea-level.

In the list of Messrs. Gardiner and Schaus the localities are carefully designated. Out of its 114 species not contained in Austin's list, all but a half dozen or so seem to have been taken above the alpine limit. I know of no lists in orders other than Coleoptera ever published.

In July and August, of 1893, as mentioned in a previous paper (ENT. NEWS, vol. iii, p. 249), I spent several days on Mt. Washington and collected many species. I herewith append a complete list of such, and add also a few taken in previous visits. These last are marked with an asterisk. Every insect here mentioned was taken at or above 5500 feet altitude, and much the greater part of them on the summit, or cone itself, about 6300 feet. Among the Coleoptera there are fifty species not included in either Austin's or Gardiner's lists, and in other orders there are at least five entirely new species, and probably more. Let me again repeat here my grateful acknowledgement of assistance rendered me in the identification of insects by Messrs. Liebeck, Fox, Davis, Van Duzee, Calvert and others, without whose aid I could not have prepared this list.

COLEOPTERA.

Cicindelidæ.

Cicindela longilabris? Say.

Carabidæ.

Carabus chamissonis Fisch.

* *Calosoma frigidum* Kirby.

Elaphrus fuliginosus Say.

Nebria suturalis Lec.

“ *sahlbergi* Fisch.

Bembidium pictum Lec.

Patrobus rugicollis Rand.

Trechus chalybeus Mann.

Pterostichus adoxus Say.

“ *coracinus* Newm.

* “ *lucublandus* Say.

“ *vitreus* Dej.

“ *mandibularis* Kirby.

“ *vindicatus* Mann.

“ *hudsonicus* Lec.

Amara arenaria Lec.

“ *similis* Kirby.

Amara hyperborea Dej.

“ *latior* Kirby.

* *Platynus cupripennis* Say.

Agonoderus pallipes Fab.

Harpalus pleuriticus Kirby.

Stenolophus conjunctus Say.

Dytiscidæ.

Laccophilus maculosus Germ.

Bidessus affinis Say.

Hydroporus sp. ?

Agabus confinis ?

Rhantus binotatus Harr.

Hydrophilidæ.

Helophorus linearis Lec. ?

Hydrophilus mixtus Lec.

Berosus striatus Say.

Cymbiodyta fimbriatus Melsh.

Creniphilus subcupreus Say.

Silphidæ.

Silpha surinamensis Fab.

Staphylinidæ.

- Quedius sp. ?
 Philonthus palliatus *Grav.* ?
 " debilis *Grav.*
 Xantholinus hamatus *Say.*
 Stenus sp. ?
 Acidota crenata *Fab.*

Coccinellidæ.

- Coccinella trifasciata *Linn.*
 " transverso-guttata *Fab.*
 Harmonia similis *Rand.*
 " picta *Rand.*
 " 12-maculata *Geb.*
 Psyllobora 20-maculata *Say.*
 Brachyacantha ursina *Fab.*

Byrrhidæ.

- Simplocaria metallica *Sturm.*
 Cytilus trivittatus *Melsh.*
 Byrrhus cyclophorus *Kirby?*
 " geminatus *Lec.*

Elateridæ.

- Cryptohypnus sanborni *Horn.*
 " abbreviatus *Say.*
 " restrictus *Mann.*
 Elater socer *Lec.*
 " semicinctus *Rand.*
 " nigricans *Germ.?*
 " rubricus *Say.*
 " apicatus *Say.*
 Agriotes limosus *Lec.*
 Limonius sp. ?
 Campylus denticornis *Kirby.*
 Paronomus costalis *Payk.*
 " pictus *Cand.*
 Corymbites virens *Schr.*
 " resplendens *Esch.*
 " spinosus *Lec.*
 " medianus *Germ.*
 " triundulatus *Rand.*
 " propola *Lec.*
 " hieroglyphicus *Say.*
 " cruciatus *Linn.*

* *Asaphes decoloratus Say.*

Buprestidæ.

- * *Buprestis maculiventris Say.*
Melanophila longipes Say.
 " *drummondi Kirby.*
 " *fulvoguttata Harr.*
Chrysobothris trinervia Kirby.
 * " *scabripennis L. & G.*

Lampyridæ.

- Cænia dimidiata Fab.*
Eros aurora Hbst.
Lucidota atra Fab.
Ellychnia corrusca Linn.
Pyropyga decipiens Harr.
Podabrus diadema Fab.
Telephorus carolinus Fab.
 " *rotundicollis Say.*

Cleridæ.

- Thanasimus undulatus Say.*

Ptinidæ.

- Ptilinus ruficornis Say.*

Scarabæidæ.

- * *Aphodius fimetarius Linn.*
 " *granarius Linn.*
 " *prodromus Brahm.*
Allorhina nitida Linn.
 * *Euphoria fulgida Fab.*

Cerambycidæ.

- Asemum mæstum Hald.*
Tetropium cinnamopterum Kirby.
Rhagium lineatum Oliv.
 * *Rhopalopus sanguinicollis Horn.*
Pachyta monticola Rand.
Anthophilax attenuatus Hald.
Acnæops bivittata Say.
 " *proteus Kirby.*
Leptura 6 maculata Linn.
 " *canadensis Fab.*
 " *proxima Say.*
 " *pubera Say.*
 " *ruficollis Say.*
 " *mutabilis Newm.*

* *Monohammus scutellatus Say.*

Pogonocherus penicellatus Lec.

Chrysomelidæ.

* *Donacia emarginata Kirby.*

Orsodachna childreni Kirby.

" *tibialis Kirby.*

Adoxus vitis Linn.

Doryphora 10-lineata Say.

Chrysomela elegans Oliv.

Gonioctena pallida Linn.

* *Luperus varipes Lec.*

* " *cyanelus Lec.*

" *meraca Say.*

* *Trirhabda canadensis Kirby.*

Galerucella cavicolis Lec.

" *decora Say.*

Tenebrionidæ.

* *Iphthimus opacus Lec.*

* *Upis ceramboides Linn.*

Cistellidæ.

Isomira 4-striata Coup.

Melandyridæ.

Scotodes americanus Horn.

Pythidæ.

Crymodes discicollis Lec.

Cephaloidæ.

Cephaloon lepturides Newm.

Anthicidæ.

* *Corphyra lugubris Say.*

Pyrochroidæ.

Schizotus cervicalis Newm.

Curculionidæ.

Lepyryus colon Linn.

Balaninus uniformis Lec.

Scolytidæ.

Polygraphus rufipennis Kirby.

HYMENOPTERA.

Tenthredinidæ.

Pristiphorus identidem Nort.

Strongylogaster annulosus? Nort.

(a var.?)

Dolerus arvensis Say.

* *Macrophya epinota Say.*

" *fuliginæ Nort.*

Tenthredo rufipes Say.

" *eximia Nort.*

" *signata Nort.*

Uroceridæ.

Xiphydria provancheri Cr.

Ichneumonidæ.

Ichneumon sublatus Cr.

" *leviculus Cr.*

" *w-album Cr. sp.?*

" *approximans (?) Prov.*

Platylabus scutellatus Prov.

" *signatus Prov.*

Phygadeuon sp.?

Cryptus annulatus Prov.

Mesostenus albomaculatus Cr.

Ophion bifoveolatum Brulle.

Anomalon rufulum Prov.

Xenoschesis alpinensis Davis ms.

* *Opheltes glaucopterus Linn.*

Mesoleius canadensis Prov.

" *bicolor Davis ms.*

* *Arotes amœnus Cr.*

" *decorus Say.*

Pimpla inquisitor Say.

* " *pedalis Cr.*

Schizopyga frigida Cr.

Meniscus elegans Cr.

" " *var.*

Xylonomus stigmapterus? Say.

Braconidæ.

Bracon simplex Cr.

Rhogas sp.?

Helcon dentipes Brulle.

Chrysididæ.

Elampus sp.?

* *Chrysis nortoni Aaron.*

Formicidæ.

* *Camponotus herculeanus Linn.*

Formica sp.?

" "

" "

Lasius sp.?
Myrmica sp.?

Apidæ.

Bombus pennsylvanicus *DeG.*
 * *Apis mellifica* *Linn.*

LEPIDOPTERA.**Rhopalocera.**

* *Danais archippus* *Fab.*
Argynnis atlantis *Edw.*
 " *myrina* *Cram.*
 " *montinus* *Scud.*
 " *bellona* *Fab.*
 * *Melitæa harrisii* *Scud.*
Grapta faunus *Edw.*
 " *gracilis* *G. & R.*
Vanessa antiopa *Linn.*
 " *milbertii* *Gdt.*
 * *Limenitis arthemis* *Dru.*
 " *disippus* *Gdt.*
Chionobas semidea *Say.*
Pieris napi *Esp.*
 " *rapæ* *Linn.*
Colias philodice *Gdt.*
 * *Papilio turnus* *Linn.*
 * *Pamphila hobomok* *Harr.*
 " *peckius* *Kirby.*
 * " *cernes* *Edw.*
Nisoniades icelus *Lint.*

Heterocera.

Albuna torva *Hy. Edw.*
Aegeria fulvipes *Harr.*
 * *Alypia langtonii* *Coupl.*
Ædemasia concinna *Pack.*
Platypteryx arcuata *Walk.*
Agrotis prasina.
 " sp.?
 * *Pachnobia wocei* *Moersch.*
 * *Carneades opipara* *Morr.*
Plusia vacciniæ *Hy. Edw.*
 " *simplex* *Guen.*
Anarta melanopa *Thunb.*
 " *scheenherri* *Zett.*
Lobophora sp.?
 * *Carsia paludata* *Thunb.*

Eupithecia cretaceata *Pack.*
Laodamia fusca *How.*
Caccacia georgiana *Grt.*
Ptycholoma melaleucana *Walk.*
Sciaphila moeschleriana *Wocke.*
Penthina intermistana *Clem.*

HEMIPTERA.**Heteroptera.**

Corimelena atra *Am. & S.*
 * *Canthophorus cinctus* *Pal. Beauv.*
Podisus spinosus *Dallas.*
 " *modestus* *Dallas.*
Brochymena arborea *Say.*
Acanthosoma lateralis *Say.*
Ligyrocoris sylvestris *Linn.*
Eremocoris ferus *Say.*
Trigonotylus ruficornis *Fall.*
Leptopterna dolobrata *Linn.*
Resthenia insignis *Say.*
 " *insitiva* *Say.*
Lopidea confluens *Say.*
 * *Calocoris rapidus* *Say.*
Capsus ater *Linn.*
Monalocoris filicis *Linn.*
 * *Capsid* gen. ? sp. ?
 " " "
Aradus 4-lineatus ? *Say.*
Coriscus punctipes *Reut.*
Linnoporus rufoscutellatus *Lal.*
 * *Salda deplanata* *Uhl.*
 " sp. ?

Homoptera.

* *Ceresa bubulus* *Fab.*
Cyrtolopus sp. ?
Ophiderma salamandra *Faim.*
Delphacid gen. ? sp. ?
Philænus lineatus *Linn.*
 * *Bythoscopus sobrius* *Walk.*
 " *pruni* *Prov.*
Oncometopia costalis *Fab.*
Helochara communis *Fitch.*
Deltocephalus configuratus *Uhl.*
Cicadula 6-notata *Fall.*
 " *slossoni* *VanD.*

DIPTERA.

- Biblio sp. ?
 * Chironomus sp. ?
 Dicronomyia pudica *O. S.*
 Tipula sp. ?
 Xylophagus rufipes *Loew.*
 " sp. ?
 Therioplectes lasiophthalmus *Macq.*
 Dioctria albius *Walk.*
 Cyrtopogon bimacula *Say.*
 Holcocephala abdominalis *Say.*
 Dasyllis flavicollis *Say.*
 Symphromyia pullata *Coq.*
 * Laphria pubescens *Willist.*
 " sericea *Say.*
 * Melanostoma obscura *O. S.*
 * Syrphus contumax *O. S.*
 " torvus *O. S.*
 * " lesueurii *Macq.*
 Eristalis compactus *Walk.*
 " dimidiatus *Wied.*
 " tenax *Linn.*
- Also many species of Tachinidæ and Muscidæ not identified.
 * Xylota curvipes *Loew.*
 Temnostoma bombylans *Fab.*
 " alternans *Loew.*
 Homalomyia sp. ?

- Cordylura sp. ?
 Scatophaga stercoraria *Linn.*
 * Tetanocera plumosa *Loew.*
 " saratogensis *Fitch.*

ORTHOPTERA.

- * Pezotettix glacialis *Scud.*
 Melanoplus femur-rubrum *DeG.*
 Chortophagus viridifasciata *DeG.*
 Hippiscus tuberculatus *P. deB.*
 Tettix granulatus *Kirby.*
 " ornatus *Say.*
 Tettigidea polymorpha *Burm.*
 Periplaneta americana *Fab.*

NEUROPTERA.

- Nehalennia irene *Hag.*
 Chrysopa oculata *Say.*
 Several Phryganidæ, etc., unidentified.

ARANEÆ.

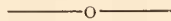
- Clubiona canadensis *Em.*
 Pardosa brunnea *Em.*

PHALANGIDÆ.

- Oligolophus montanus *Bks. ms.*

ACARINÆ.

- Rhyncolophus montanus *Bks. n. sp.*

**A NOTE ON CRYPTOHYPNUS.**

By GEO. H. HORN, M.D.

In a recent number of "Entomologische Nachrichten" (1893, pp. 305-311) Mr. E. Bergroth publishes some remarks on the Cat. Col. Eur. by E. Reitter, which have but little interest for our fauna until *Cryptohypnus* is reached, concerning which he says: "The genus *Cryptohypnus* Latr. is still confounded with *Hypnoidus* Steph. They are, however, two distinct genera standing well apart, as Schioedte has shown, defining them in the following manner:

Cryptohypnus.—Epimera of mesothorax reaching the coxa,